Charles County Emergency Services

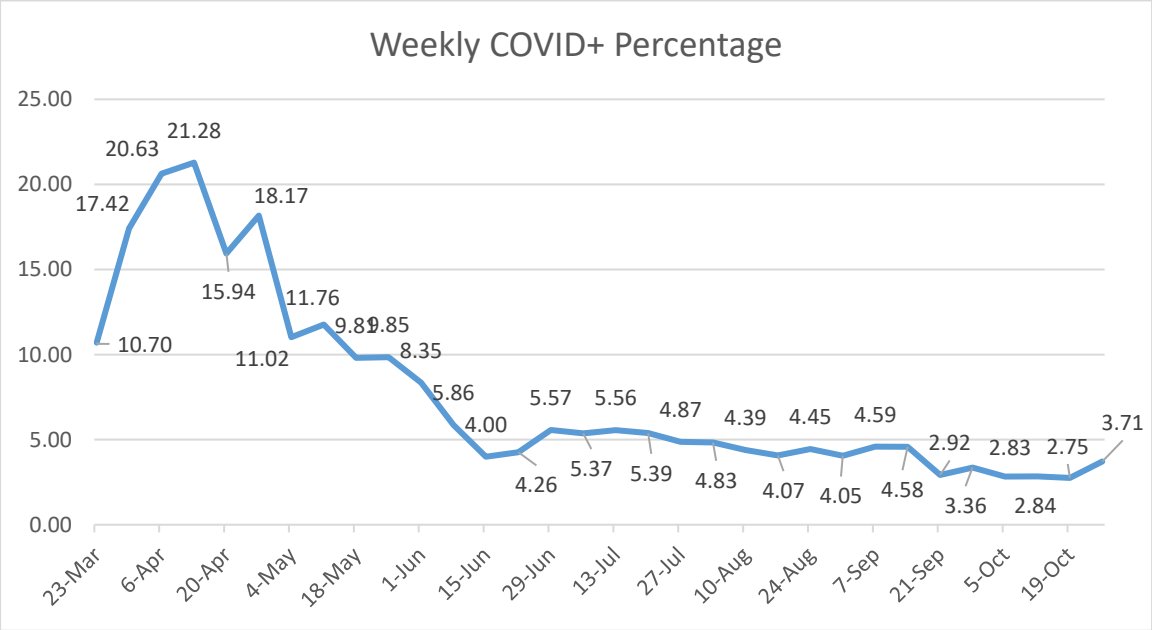
Situation Report #108

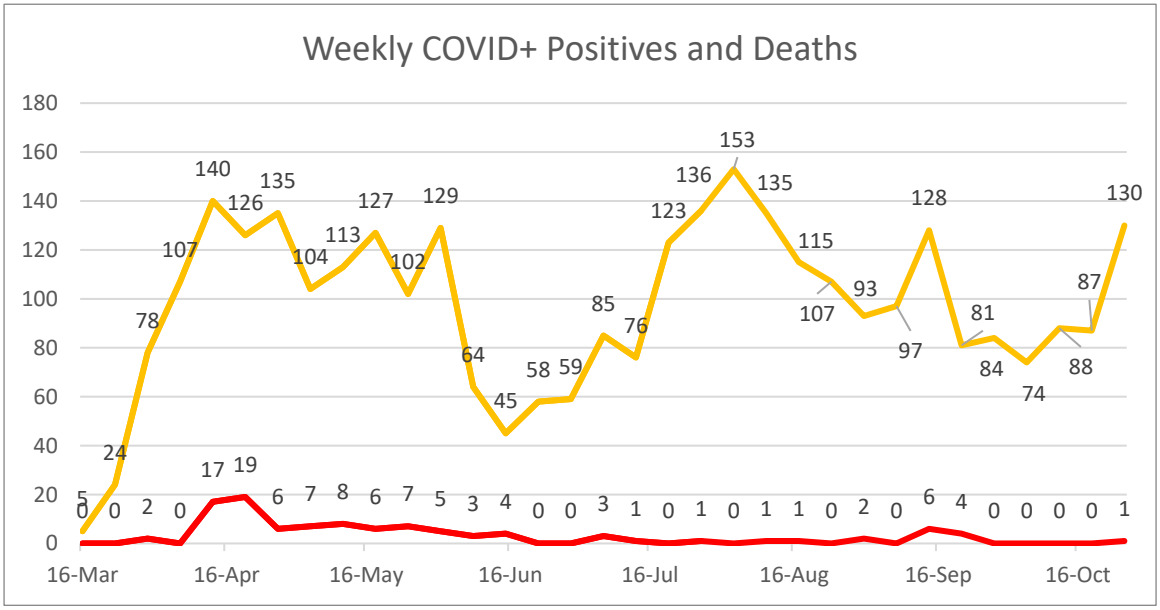
SITUATION

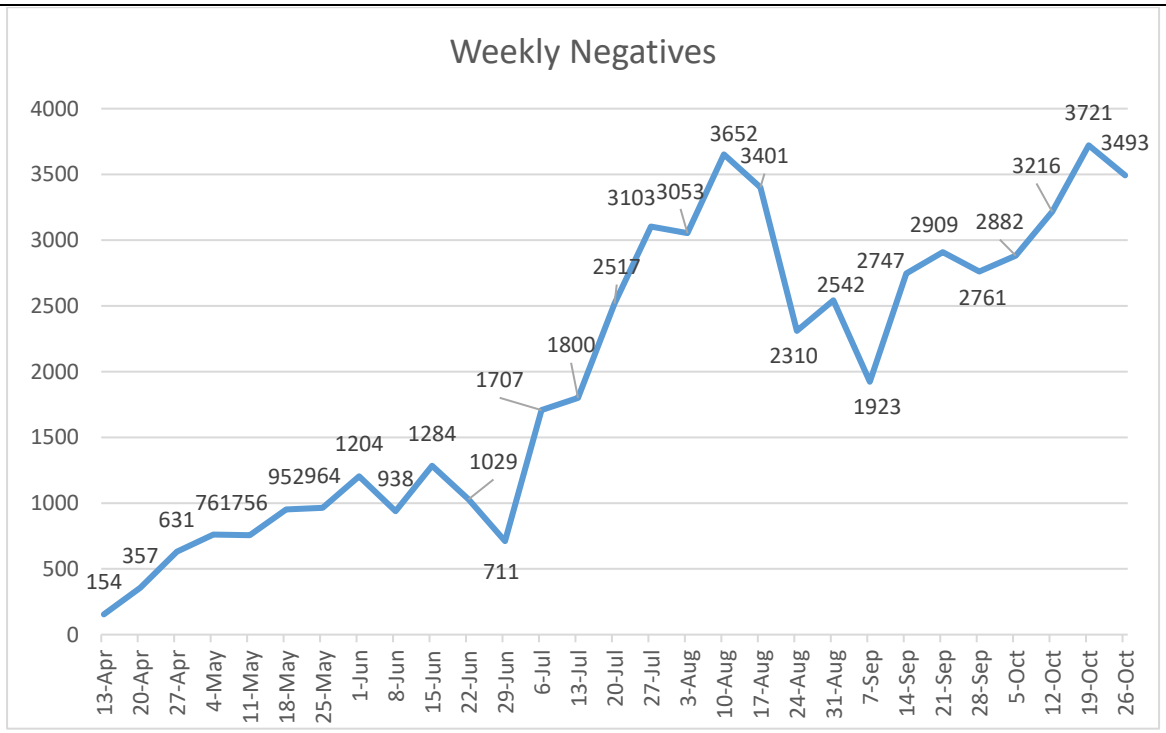
Situation Summary:

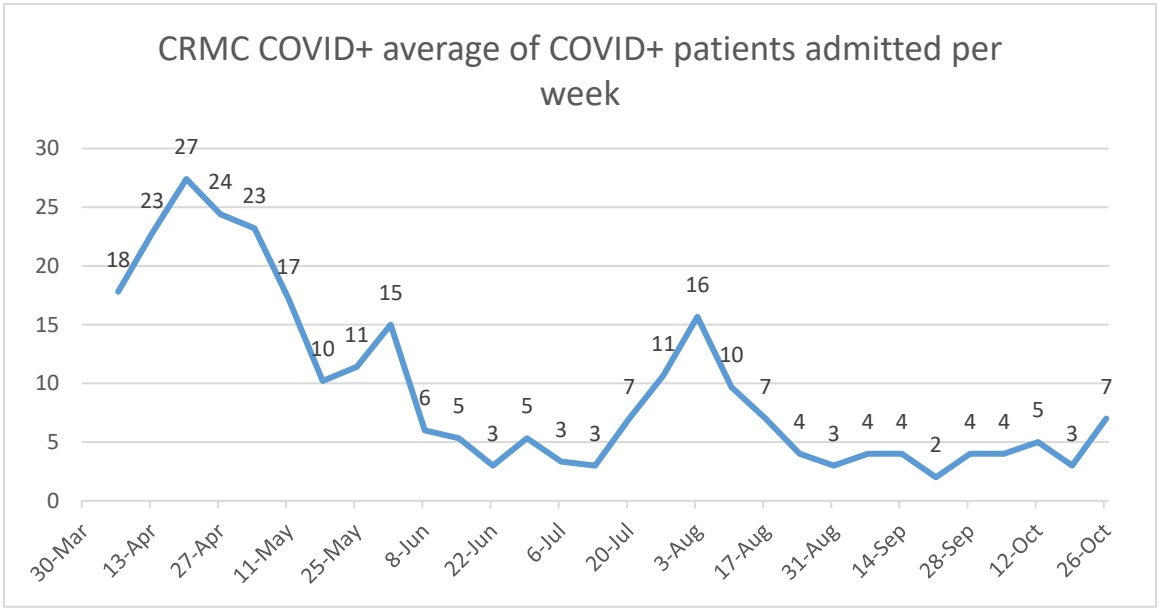
Global COVID-19 situation map here

Maryland summary map here









Charts based upon the data provided by the HD

Charles County Dept of Health Data:

3208 cases total reported since the beginning of the event. 130 new cases in the last week.

Among confirmed cases, 1804 (56.2%) Female; 1404 (43.8%) Male
Age range of positive COVID-19 cases: 0-100 years
Average age of confirmed cases: 43.5
Age Distribution for Charles County cases:

	Under 18 years: 273 (8.5%) 18-64 years: 2494 (77.7%) 65+ years: 441 (13.7%)
	58,878 negative tests results
	7 day average case rate per 100,000 population: Charles County: Maryland: 10/23: 7.61 10.31 10/24: 7.26 10.30 10/25: 8.31 10.92 10/26: 9.36 11.08 10/27: 9.89 11.81 10/28: 10.33 12.26 10/29: 10.50 12.78 7 day average percent positivity rate: Charles County: Maryland: 10/23: 2.66% 3.04% 10/24: 3.08% 3.17% 10/25: 2.44% 3.25% 10/26: 3.54% 3.35% 10/27: 3.45% 3.36% 10/28: 3.74% 3.52% 10/29: 4.29% 3.71% Total Number of negative lab results: 58,878 Number of negative lab results since 10/23: 3,493 Total testing volume for Charles County (positive and negative): 62,086 Percentage of Charles County residents who have been tested for COVID-19: 25.6% Total Positivity Rate for all lab results thus far: 5.1% 7 day positivity rate for all lab results: 3.71% Positivity Rate for all lab results since 10/23: 3.7% Total testing volume per 1000 by race: Maryland: 515.63 Charles County: 408.96 Charles County Asians: 137.24 Charles County African Americans: 361.61 Charles County Other: 390.47 Charles County White: 279.28 Positive tests per 1000 by race: Maryland: 25.97 Charles County: 20.99

	Charles County Asians: 8.48 Charles County African Americans: 20.55 Charles County Other: 43.41 Charles County White: 12.56 Average number of days from specimen collection date to reporting to public health for all positive and negative lab results between October 23-29: 2.88 days Average number of days from specimen collection date to reporting to public health for all positive lab results between October 23-29: 2.77 days Weekly data update for contact tracing. 1. Number of new positive cases from 10/18-10/24= 81 2. Number of positives that have been contacted 10/18-10/24= 61 3. Number of contacts identified from 10/18-10/24= 164 4. Number of contacts that have been contacted by tracers 10/18-10/24= 68 5 Open cases- still working 0 from CCDOH 1049 from NORC Total: 1049 6. Closed cases- no need for further tracing 812 from CCDOH 762 from NORC Total = 1574 7. Number of persons in isolation Unable to get this information 328 required hospitalization (10.2%). Hospitalization rate is steadily decreasing. Peak in hospitalization rate coincided with the peak in the skilled nursing facility outbreaks in late April.
	100 confirmed deaths, 1 additional death since previous report There have been 100 confirmed deaths associated with COVID-19. This equates to 3.1% of total confirmed cases. The Charles County death rate of 3.1% is higher than the MD state average death rate of 2.8%, but this gap is closing. However, it should be noted that the majority of deaths in Charles County are associated with outbreaks in skilled nursing facilities. The death rate for Charles County is going down from a high of 7.3% now that the outbreaks at skilled nursing facilities have been contained and/or reduced. There were 2 probable COVID-19 deaths. COVID-19 is listed as the cause of death, but laboratory testing has not yet been confirmed. Average age of fatalities: 76.3 years Age Distribution of Fatalities: 0-39 years: <7 (1.0%) Data is suppressed when the number of cases is less than 7. • 40-69 years: 25 (24.5%) • 70-79 years: 40 (39.2%) • 80+ years: 37 (36.2%) Gender breakdown among fatalities:

	55 or 53.9% Female 47 or 46.0% Male Racial breakdown among fatalities: 41.6% Non-Hispanic White 49.5% Non-Hispanic Black 3.0% Non-Hispanic Asian 5.9% Hispanic Location of death: Hospital Inpatient: 62 or 61.4% Nursing Home: 25 or 24.8% Other/Home/Emergency Room/Outpatient: 14 or 13.8%
Countywide Race/Ethnicity demographics	Statewide By Race and Ethnicity is available at https://coronavirus.maryland.gov/ Asian: 37 (1.2%) Black/African American: 1376 (42.9%) White: 697 (21.7%) Other /2+ races: 290 (9.0%) American Indian/Alaskan Native: 11 (0.3%) Data not available/Declined to Answer: 797 (24.8%) Ethnicity: Hispanic: 258 (8.0%) Non-Hispanic: 2233 (69.6%) Data not available/Declined to Answer: 717 (22.3%)
Confirmed Cases by Zip Codes: Available information from State website. Not showing data from zip codes with less than 7 confirmed positives.	

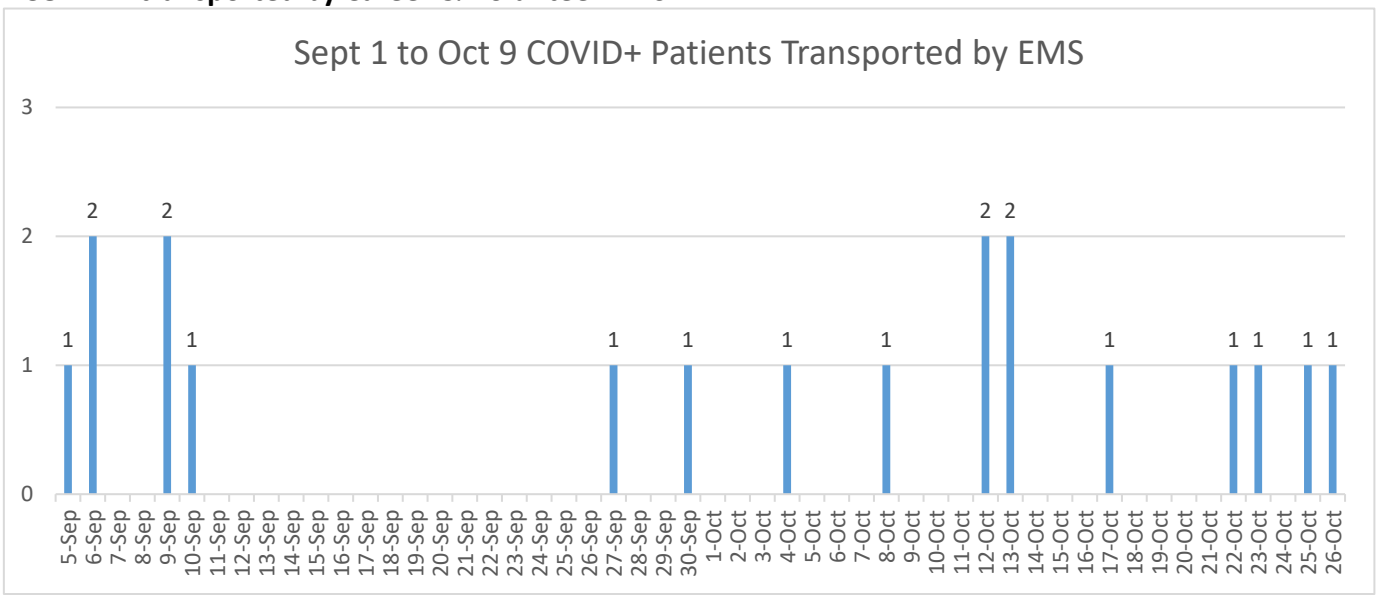
Zip code:	Total number of positive cases	Number of new positive cases since 10/23	Number of new negative labs in last 24 hours	Case Rate per 1000 residents
20601	598	21	83	21.86
20602	615	20	95	23.51
20603	679	10	82	21.53
20604	9	0	0	NA
20611	12	0	52	7.82
20613	41	0	0	3.00
20616	121	2	15	19.82
20622	37	0	0	4.44
20632	19	2	2	NA
20637	75	2	14	13.02
20640	147	5	21	14.87
20645	17	0	2	NA
20646	388	8	86	18.21

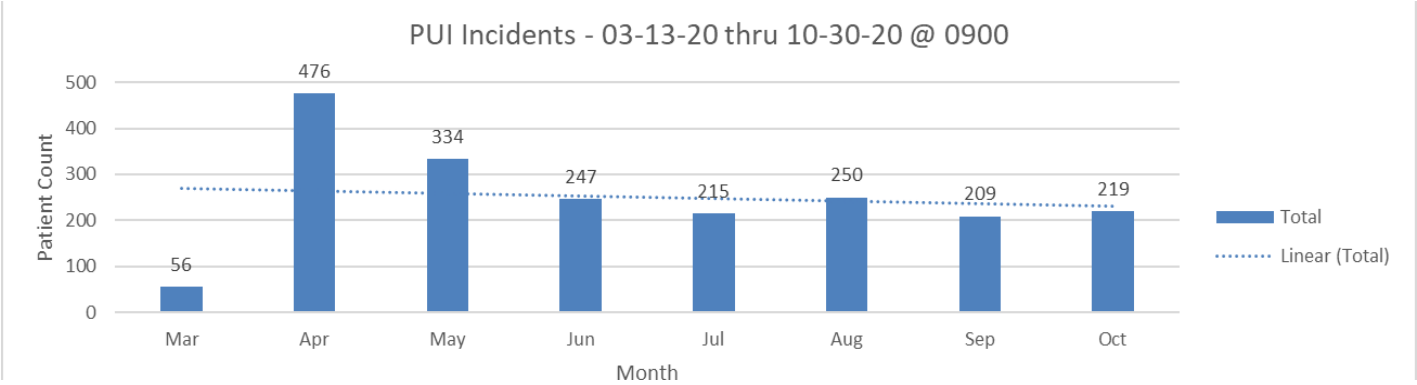
20658	13	2	3	NA
20662	36	2	10	12.36
20664	40	0	10	12.00
20675	26	1	5	11.57
20677	38	3	6	14.98
20693	18	0	2	NA
20695	252	14	36	30.16

The Case Rate for Zip Code 20613 in the above table has been calculated for Charles County residents only.

The below Case Rate calculations are for the entire Zip Code.
Case Rates for Zip Codes Shared by Charles County and Prince George's County:
20607, Accokeek: 25.55
20613, Brandywine: 24.18
These are two of the lowest rates in Prince George's County. These rates are much closer to Waldorf and White Plains case rates.
Case rates for other Prince George's County Zip Codes that are near Charles County:
20623, Rosaryville: 22.49
20772, Upper Marlboro: 27.03
20744, Fort Washington: 28.70

Total COVID+ transported by Career & Volunteer EMS:





PUI = Person Under Investigation

First Responders Quarantine/ Isolation	Quarantine means exposed and they can't come to work. Self Isolation means sick or tested positive. Fire/EMS: 0 Quarantine: means exposed and they can't come to work -1 since previous report 1 Isolation: means sick or tested positive -1 since previous report Law Enforcement: Quarantine: 15 (-6 since previous report) Isolation:0 (-3 since previous report)
Volunteer Fire, Career & Volunteer EMS	**Stations/Apparatus:** - No Station with any contamination issues. - No Apparatus with any contamination issues. **Personnel Exposure:** 2 – In Isolation. **Incidents/Call Volume:** - No Major Incidents to Report related to COVID-19 - Call volume for Fire and EMS Events are average. - Transports of COVID Positive Patients remains low. **Other Information:** - Continue to push out information about Social Distancing in the Stations. - All personnel need to continue to utilize proper PPE on incidents.
Charles Regional Medical Center:	• Hospital Bed Capacity = 166. Census = 74 • Hospital COVID Positive Census = 7 • PUI admissions = 3 • ICU Census = 8 • Hospital ICU in now a dedicated COVID-19 Unit, and 3 East is for regular ICU overflow and has 10 beds.

	• A section of the 3 South Patient Care unit has been modified to be dedicated to COVID-19 positive patients only. • Isolation Room Capacity = 12 • Isolation Rooms Occupied = 6 • Ventilated COVID-19 positive patients = 2 • Ventilators not in use = 18 • EMS staff transported to CRMC 10/29/2020 = Zero (0) Covid positive, and zero (0) PUI's
Law Enforcement	Charles County Sheriff's Office: • 6 Sworn Officer quarantined (estimated return to work - 6 return 10/31) • 0 Sworn Officers isolated • 1 Correctional Officer quarantined (estimated to return to work – 1 returns 10/31) • 0 Correctional Officers isolated • 8 civilians quarantined (estimated to return to work – 7 return 10/31, 1 estimated 11/13) • 0 civilians isolated. Charles County Detention Center Population: • 105 inmates • 0 COVID positive inmates • 0 Inmates with symptoms Maryland State Police: • 0 Officer Quarantined • 0 Officers Isolated Maryland Transportation Authority: None local La Plata Police Department: • 0 Officer Quarantined • 0 Officers Isolated • 0 Civilian Isolated Natural Resources Police: • 0 Officer Quarantined • 0 Officers Isolated • 0 Civilian Isolated